5

Catechol Moieties

$$R_3$$
 R_1 R_1 R_3 R_1 R_3 R_1 R_3 R_4 R_5 R_4 R_5 R_5

Fig. 1

Quinone Moieties

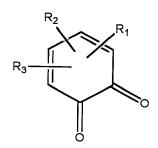


Fig. 2

Semiquinone Moieties

Fig. 3

10

5

Example of Michael Addition

Fig. 4

Example of Schiff Base Rxn

$$R_1$$
 + $R'NH_2$ + $R'NH_2$ Fig. 5